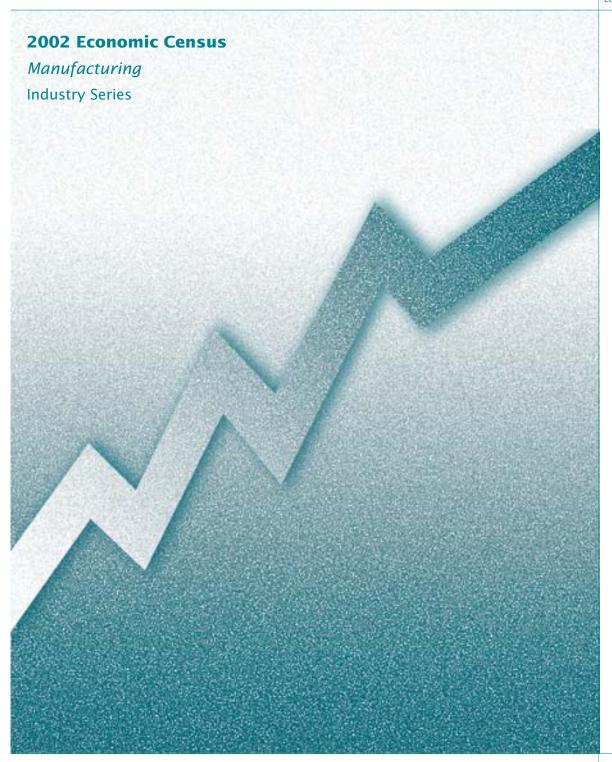
Ground or Treated Mineral and Earth Manufacturing: 2002

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-- Not applicable for this report.

Table 1. Historical Statistics for the Industry: 2002 and Earlier Years

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

		All			Production workers				Total	Total	Total capital
Industry and year ¹	Com- panies ²	estab- lish- ments ³	Number ⁴	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)	Value added (\$1,000)	cost of materials (\$1,000)	value of shipments (\$1,000)	expendi- tures (\$1,000)
327992, Ground or treated mineral and											
earth manufacturing2002	184	291	6 836	278 862	4 645	9 504	173 009	1 431 741	656 727	2 078 277	91 948
2001	N	N	9 509	349 086	6 847	14 595	227 555	1 158 710	1 055 942	2 217 323	93 871
2000	N	N	10 084	369 888	7 431	15 864	240 077	1 240 811	1 087 268	2 311 496	127 690
1999	N	N	10 130	370 657	7 475	15 894	239 209	1 330 169	955 325	2 268 757	131 059
1998	N	N	9 757	353 037	7 170	15 054	229 330	1 315 086	902 660	2 222 143	132 646
1997	261	387	10 115	360 995	7 149	15 130	227 263	1 427 108	943 880	2 362 480	133 223

Note: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

¹Statistics presented for years ending in 2 and 7 are census data. Interim census years are derived in a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures (ASM).

²For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

³Includes establishments with payroll at any time during the year.

⁴Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Table 2. Industry Statistics for Selected States: 2002

[States that are a disclosure or with less than 100 employees are not shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

		All establi	stablishments ² All employee		ployees	Production workers						
Industry and geographic area	E¹	Total	With 20 em- ploy- ees or more	Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)	Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expendi- tures (\$1,000)
327992, Ground or treated mineral and earth manufacturing												
United States. Arkansas Indiana Kentucky Michigan New Jersey New York North Carolina Pennsylvania South Carolina Tennessee Texas	1 2 1 - 5 1 7 - 3 - 1 1	291 4 11 7 11 9 10 9 29 6 7 24	80 4 4 3 3 3 3 2 4 6 3 2 9	6 836 121 457 117 398 170 110 232 355 166 163 636	278 862 4 436 21 523 4 887 17 580 8 271 4 194 7 883 10 985 5 799 4 465 21 304	4 645 100 313 90 298 116 88 181 266 120 141 494	9 504 202 667 180 659 268 157 345 491 232 182 1 085	173 009 3 031 12 994 3 896 12 221 4 472 3 075 5 138 7 175 3 835 3 202 15 414	1 431 741 23 981 64 768 18 138 78 582 52 273 11 712 26 065 33 370 23 851 17 035 51 646	656 727 10 385 18 625 15 384 49 625 38 166 9 322 19 300 25 532 9 955 8 569 40 695	2 078 277 34 036 83 510 33 062 127 408 88 436 20 744 44 310 58 527 33 735 25 613 91 778	91 948 1 553 6 915 683 5 984 8 743 1 642 3 357 4 230 961 825 3 195

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

¹Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Detailed Statistics by Industry: 2002

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
327992, Ground or treated mineral and earth manufacturing	
Companies ¹ number	184
All establishments ² number. Establishments with 1 to 19 employees number. Establishments with 20 to 99 employees number. Establishments with 100 employees or more number.	291 211 69 11
All employees3 number Total compensation \$1,000 Annual payroll \$1,000 Total fringe benefits \$1,000	6 836 362 658 278 862 83 796
Production workers, average for year	4 645 4 664 4 660 4 613 4 621
Production worker hours	9 504 173 009
Total cost of materials \$1,000 Materials, parts, containers, packaging, etc., used \$1,000 Resales \$1,000 Purchased fuels \$1,000 Purchased electricity \$1,000 Contract work \$1,000	656 727 476 619 43 944 71 905 55 493 8 766
Quantity of electricity purchased for heat and power	1 089 927 D
Total value of shipments \$1,000 Primary products value of shipments \$1,000 Secondary products value of shipments \$1,000 Total miscellaneous receipts \$1,000 Value of resales \$1,000 Contract receipts \$1,000 Other miscellaneous receipts \$1,000	2 078 277 1 905 093 75 917 97 267 52 348 D D
Primary products specialization ratio percent. Value of primary products shipments made in all industries \$1,000. Value of primary products shipments made in this industry \$1,000. Value of primary products shipments made in other industries \$1,000.	96 1 985 600 1 905 093 80 507
Coverage ratiopercent	96
Value added	1 431 741
Total inventories, beginning of year \$1,000. Finished goods inventories \$1,000 Work-in-process inventories \$1,000 Materials and supplies inventories \$1,000.	239 128 79 661 22 522 136 945
Total inventories, end of year \$1,000 Finished goods inventories \$1,000 Work-in-process inventories \$1,000 Materials and supplies inventories \$1,000	237 116 88 936 23 438 124 742
Gross value of depreciable assets (acquisition costs) at beginning of year. \$1,000 Total capital expenditures (new and used) \$1,000 Buildings and other structures (new and used) \$1,000 Machinery and equipment (new and used) \$1,000 Automobiles, trucks, etc., for highway use \$1,000 Computers and peripheral data processing equipment \$1,000 All other expenditures for machinery and equipment \$1,000 Total retirements \$1,000 Gross value of depreciable assets at end of year \$1,000	1 637 453 91 948 15 613 76 335 3 223 66 882 40 150 1 689 251
Depreciation charges during year\$1,000	102 465
Total rental payments \$1,000. Buildings and other structures \$1,000. Machinery and equipment. \$1,000.	24 181 10 128 14 053
Total other expenses ⁴	136 381 81 20 186 2 581 1 743 900 1 661 1 064 2 267 950 7 303 97 725

¹For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.
2Includes establishments with payroll at any time during the year.
3Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.
4Based on Annual Survey of Manufactures (ASM) sample data.
5A response coverage ratio is derived for this item by calculating the ratio of the weighted employment (establishment data multiplied by sample weight) for those Annual Survey of Manufactures (ASM) establishments that reported to the weighted total employment for all ASM establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 4. Industry Statistics by Employment Size: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Employment size class			All employees		P	roduction worke	ers		Total	Tatal	Total
		All estab- lish- ments ²	Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)	Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	capital expendi- tures (\$1,000)
327992, Ground or treated mineral and earth manufacturing											
All establishments Establishments with — 1 to 4 employees. 5 to 9 employees. 10 to 19 employees 50 to 99 employees 100 to 249 employees 250 to 499 employees 500 to 999 employees 1,000 to 2,499 employees 1,000 to 2,499 employees 2,500 employees	1 8 2 1 1 - 1 -	291 72 67 72 49 20 10 - 1	6 836 150 460 1 008 1 450 1 398 9 - f	278 862 5 727 18 359 41 814 50 319 58 253 D D	4 645 117 341 741 1 077 919 D - D	9 504 226 675 1 566 2 032 1 847 D	173 009 4 025 11 844 27 925 33 796 35 092 D D	1 431 741 15 313 92 024 164 985 239 046 295 826 D D	656 727 17 231 70 750 135 647 146 562 113 374 D D	2 078 277 33 016 164 006 297 391 375 678 411 382 D D	91 948 1 870 9 641 16 608 10 729 19 058 D
Administrative records ⁴	9	61	173	7 384	139	273	5 135	18 643	22 094	40 738	2 498

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

¹Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 5. Industry Statistics by Primary Product Class Specialization: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry or product class code	Industry or primary product class	All	All employees		Production workers				Total	Total	Total capital
		estab- lish- ments ¹	Number ²	Payroll (\$1,000)	Number ²	Hours (1,000)	Wages (\$1,000)	Value added (\$1,000)	cost of materials (\$1,000)	value of shipments (\$1,000)	expendi- tures (\$1,000)
327992	Ground or treated mineral and earth manufacturing	291	6 836	278 862	4 645	9 504	173 009	1 431 741	656 727	2 078 277	91 948
3279920	Treated minerals and earths	291	6 836	278 862	4 645	9 504	173 009	1 431 741	656 727	2 078 277	91 948

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

¹Includes establishments with payroll at any time during the year.

²Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Table 6a. Products Statistics: 2002 and 1997

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

		Number of companies with		Product shipments		
Product code	Product	shipments of \$100,000 or more	Quantity of production for all purposes	Quantity	Value (\$1,000)	
327992	Ground or treated mineral and earth manufacturing	N N	X	X	1 985 600 2 258 930	
3279920	Treated minerals and earths	N N	X X	X X	1 985 600 2 258 930	
32799204	Treated lighweight aggregate and crushed slag, minerals and earths	N	Х	x	342 279	
3279920415	Treated lightweight aggregate (diatomaceous earth, expanded clay, expanded slag, cinders, perlite, haydite, pumice, etc.)	N 19	X	×	N 91 346	
3279920421	1997 Crushed slag. 2002.	N 23 N	X X X	X X X	N 250 933 N	
32799205	Treated clays, artificially activated with acid or other materials	N	X	X	558 834	
3279920521	Treated clays, artificially activated with acid or other materials	N 15	X X	^q 2 256.3	N 558 834	
32799206	Other minerals or earths, treated	N N N	X X X	N X X	N 814 881 N	
3279920611	Exfoliated vermiculite aggregate	11 N	X X	940.5 N	20 777 N	
3279920621	Other exfoliated vermiculite (including loose fill insulation, acoustical, etc.)	5 N	X	S	14 428 N	
3279920630	Refractory magnesia (including dead-burned magnesia or magnesite)\(^1\) 2002.	15	X X	N X	108 930	
3279920653	1997 Graphite, refined or blended	N 4 N	X X X	X S N	N 8 495 N	
3279920667	Other treated minerals and earths (including feldspar, mica, roofing, granules, etc.) (includes heat treated, chemical treated, and other manufacturing processes)				662 251	
3279920Y	treated, and other manufacturing processes) 2002. 1997. Treated minerals and earths, nsk, total 2002.	33 N N	X X X	X X X	002 251 N 269 606	
3279920YWW	Treated minerals and earths, nsk, for nonadministrative- record establishments	N N	X X	X	169 573 229 770	
3279920YWY	record establishments	N N	X	X	91 410	
	establishments	N N	X X	X X	39 836 78 163	

¹For additional detail, see Current Industrial Report MA327C, Refractories.

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6b. Product Class Shipments for Selected States: 2002 and 1997 [Not applicable for this report.]

Table 7. Materials Consumed by Kind: 2002 and 1997

[Not applicable for this report]